



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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U. S. Serial No.: 10/062,758
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Inventor: Steven B. Elgee et al.

Art Unit: 2853
Examiner: Liang, Leonard S.
Confirmation No.: 2415

Title: Scanning Carriage Heat Applicator
Attorney Docket: 10013857-1

Honorable Commissioner of Patents
and Trademarks
Washington, DC 20231

Responsive to Office Action Dated 09/27/2002

Clean Version of Amended Claims

1. (First Amended) An inkjet printing mechanism, comprising:
a media support which supports print media in a printzone;
a bi-furcated carriage which scans an inkjet printhead across the printzone, a first
portion of said carriage located on a first side of said media when in said printzone, a second
portion of said carriage being located on a second side of said media when in said printzone; and
a bi-furcated heating element supported by the carriage, a first portion of said
heating element being carried by said first portion of said carriage, a second portion of said
heating element being carried by said second portion of said carriage, said first and second heater
elements being maintained in face-to-face relation across said print zone.

3. (First Amended) An inkjet printing mechanism according to claim 2 wherein said
microwave heating element includes a bi-furcated waveguide spanning said first portion and said
second portion of said heating element and defining a heat zone therebetween.